

NCR-19-7494



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

HT-500-CWA
Job Sheet 201538



Part No: HT-500-CWA

Job Qty: 2 pcs

Part Name: Series 500 Compressor Wash System with Auxiliary Air Tank



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/7/19

Job Tracking No:

Due Date: 10/21/19

Created By: Patrick Lussier

Type: Stock

Description:

Note: DWG HT-500-CWA Rev. 10 IPP Rev. A 18.05.10 new issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard	Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs	
100	Purchasing	2 pcs	10/21/19		0.00	0.00	 OCT 11 2019
110	Packaging 2 - 1 - Receive - B4B	2 pcs	10/21/19		0.00	0.00	 OCT 11 2019

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com



Container No: S222032



Part: HT-500-CWA

Job No: 201538

Serial No/Batch: S222032

Revision: 10

Inspector:

Exp Date:

Instructions:

Date: 10/11/19

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				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
120	QC 6	2 pcs	10/21/19	0.00 0.00	QC 6 - 9
					QC 6 - 68
					QC 6 - 61
					QC 6 - 40
					QC 6 - 81
121	Small Fab - 2 - B4B	2 pcs	10/21/19	0.00 0.20	Small Fab - 1 - B4B
					Small Fab - 2 - B4B
					Small Fab - 3 - B4B
					Small Fab - 4 - B4B
					Small Fab - 5 - B4B
					Small Fab - 6 - B4B
					Small Fab - 7 - B4B
					Small Fab - 8 - B4B
122	QC 5	2 pcs	10/21/19	0.00 0.00	QC 5 - 10
					QC 5 - 12
					QC 5 - 17
					QC 5 - 18
					QC 5 - 19
					QC 5 - 22
					QC 5 - 24
					QC 5 - 3
					QC 5 - 43
					QC 5 - 49
					QC 5 - 51
					QC 5 - 58
					QC 5 - 68
					QC 5 - 9
					QC 5 - 50
					QC 5 - 30
					QC 5 - 40
					QC 5 - 61
					QC 5 - 81
130	Packaging 3-1 - Stock - B4B	2 pcs	10/21/19	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B
					Packaging 3 - 9 - B4B
					Packaging 3 - 10 - B4B
					Packaging 3 - 11 - B4B
					Packaging 3 - 12 - B4B
					Packaging 3 - 13 - B4B
					Packaging 3 - 14 - B4B
					Packaging 3 - 15 - B4B
					Packaging 3 - 16 - B4B
					Packaging 3 - 17 - B4B
					Packaging 3 - 18 - B4B
					Packaging 3 - 19 - B4B

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				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	DAS
				Packaging 3 - 25 - B4B	78
				Packaging 3 - 26 - B4B	9.80
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	DAS
135	DC - 1 - B4B	2 pcs	10/21/19	0.00 0.00	DC - 1 - B4B
					DC - 2 - B4B
140	QC 21 - FG	2 pcs	10/21/19	0.00 0.00	QC 21 - FG - 21
					QC 21 - FG - 70
					QC 21 - FG - 53

Part Op 100 - Purchasing 1-Issue P/O METEC: HB014702 MANUFACTURE HT-500-CWA AS PER DWG 2-DART to supply HT-500-CWA-010P-04 and HT-500-CWA-010P-05 control panel

Descriptions: decals -010P-70A and -010P-70B 3-DART to supply HT-500-CWA-010P-04 and HT-500-CWA-010P-05 control panel

Certificate of conformity is required

110 - Receive & Inspect for Damage & Mat'l Certs

120 - QC6- All purchased or subcontracted products

121 - Small Fab - 1-Engrave P/N and S/N on placard using MARKTRONIC engraver. 2-Using double sided tape install placard on inside of lid.

122 - QC5- Inspect part completeness to step on W/O

130 - Identify as per dwg & Stock Location:

135 - Document Control - Supply HT-500-CWA Customer packet

140 - QC21- Final Inspection - Work Order Release

x2 plus 07 Oct 2019

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
HT-500-CWA-010P-04	Panel Plate	2 (1 ea)	100-Purchasing	
HT-500-CWA-010P-05	Control Panel	2 pcs (1 ea)	100-Purchasing	5154407
HT-500-CWA-010P-70A	Wash Emblem	2 pcs (1 ea)	100-Purchasing	522 5150992
HT-500-CWA-010P-70B	Rinse Emblem	2 pcs (1 ea)	100-Purchasing	5151002
HT-500-CWAP	Series 500 Compressor Wash System with Auxiliary Air Tank	2 Ea (1 ea)	100-Purchasing	5221767
RB41011	Dart Tooling Placard, Aluminum	2 pcs (1 ea)	121-Small Fab - 2 - B4B	5021040

Job Allocations

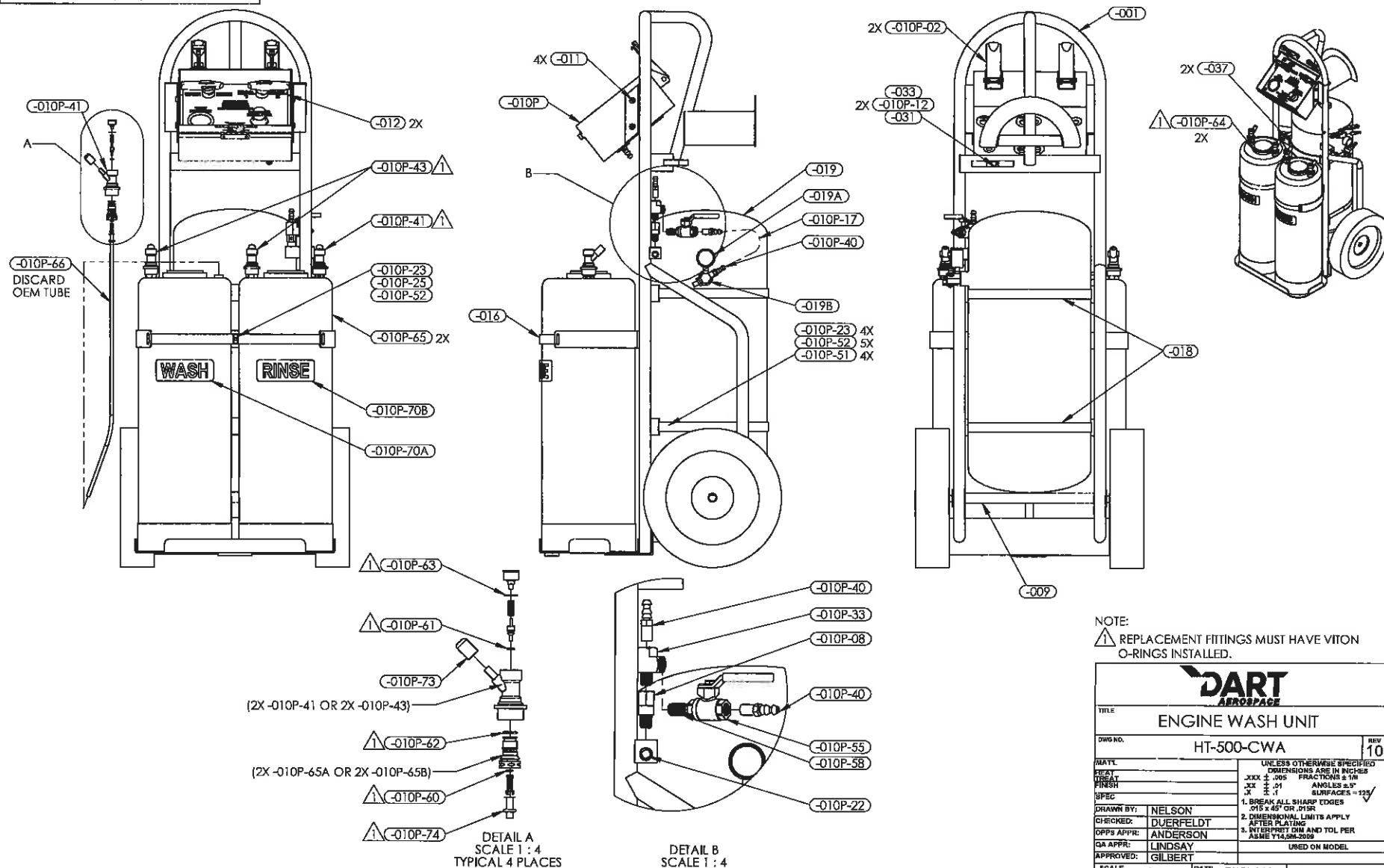
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	HT-500-CWA-010P-04	2	0	0
	HT-500-CWA-010P-05	2	2	0
	HT-500-CWA-010P-70A	2	9	0
	HT-500-CWA-010P-70B	2	8	0
	HT-500-CWAP	2	0	0
121-Small Fab - 2 - B4B	RB41011	2	200	0

Part Specifications

Specifications could not be found.

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SEE ATTACHED DEVIATION



NOTE:
 REPLACEMENT FITTINGS MUST HAVE VITON O-RINGS INSTALLED.

			
TITLE			
ENGINE WASH UNIT			
DWD NO.			REV
HT-500-CWA			10
MATERIAL		UNLESS OTHERWISE SPECIFIED	
PART		DIMENSIONS ARE IN INCHES	
FINISH		XXX ± .005 FRACTIONS ± .01	
		XX ± .01 ANGLES ± .5°	
		SURFACES = .125/	
SPEC			
DRAWN BY: NELSON		1. BREAK ALL SHARP EDGES Ø15 x .65" OR .015R	
CHECKED: DUERFELDT		2. DIMENSIONAL LIMITS APPLY	
QDPS APPR: ANDERSON		AFTER PLATING	
QA APPR: LINDSAY		3. UNPERFORATED AND TOL PER ASME Y14.36-2009	
APPROVED: GILBERT		USED ON MODEL	
SCALE	1:8	DATE	7/5/2014
		SHEET 1 OF 32	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

ORDER ACKNOWLEDGEMENT

CUSTOMER

Customer Code: CERAH01

Sold To: Era Helicopters LLC
945 Bunker Hill Suite 650
Houston, TX 77024
USA
Phone: (337) 656-4818

Ship To: Era Helicopters LLC
105 Tower Road
Houma, LA 70363
USA
Phone: 337-656-4165

ORDER

Order No : 20106

Date: 10/4/19

Ship-To Contact: Alycia Flatt

Email: aflatt@erahelicopters.com

Cust PO No: TPO-001170-2019

FOB: Shipping Point

Ship Via:

Freight Terms: PrePaid

Terms: Net 30

INCO Terms:

Order Taker: Caitlin Crooks

Order Taker Phone:

Order Taker Email: ccrooks@dartaero.com

Line No	Due Date	Ship Date	Part	Description/Note	Quantity	Unit	Price	Unit	Extended Price
1	10/7/19	10/7/19	HT-500-CWA	Series 500 Compressor Wash System with Auxiliary Air Tank	1	pcs	\$6,600.00USD	pcs	\$6,600.00 USD
				12% Diamond Discount			-12.00		\$-792.00
2	10/28/19	10/28/19	HT-500-CWA	Series 500 Compressor Wash System with Auxiliary Air Tank	1	pcs	\$6,600.00USD	pcs	\$6,600.00 USD
				12% Diamond Discount			-12.00		\$-792.00
Sub Total									\$11,616.00 USD
Grand Total									\$11,616.00 USD

ORDER NOTES

UPS Freight Acct # 000360206
TAX ID # 20-2421616

Remit to: DART Aerospace Ltd., 1270 Aberdeen Street, Hawkesbury, Ontario K6A 1K7 Canada

Tel: 613 632 5200

Fax: 613 632 5246

accounting@dartaero.com

GST/HST 10127 2607

Note: A minimum 15% restocking fee is applicable. Custom items are non-refundable. Full warranty details are available at www.dartaerospace.com

International / US Wires:

Swift Code: CHASUS33 Bank Routing #: 021000021 Account #: 133281000

Bank Name: JPMorgan Chase Bank 201 St. Charles Ave., New Orleans, LA USA 70170

Account Name: DART Aerospace Ltd.

Notification October 2018: Our banking information has remained unchanged



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044702



Supplier: MEM001-VC
Metec Metal Technology Inc.
20 Terry Fox Drive PO Box 781
Vankleek Hill
ON
K0B 1R0 Canada
Phone: 613 678 3957
Fax: 613 678 3956

Attention: Walz, Shigi

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044702
PO Date: 10/7/19
Due Date: 10/21/19
Purchase Order Revision:
Revision Date:
Ship-To Contact: Phone:

Via: Ground
Pymt Terms: Net 60
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	201538	HT-500-CWAP			Series 500 Compressor Wash System with Auxiliary Air Tank REV 10	Firmed X2	-	10/21/19	2 Ea	0 Ea	2 Ea	\$4,862.00/Ea	\$9,724.00

Grand Total: \$9,724.00

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

- A005 RIGHT OF ENTRY
- A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
- A012 CHEMICAL AND PHYSICAL TEST REPORTS
- A016 PERSONNEL QUALIFICATION
- A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
- A026 CERTIFICATION OF MATERIAL CONFORMANCE
- A041 QUALITY MANAGEMENT SYSTEM
- A042 DART NOTIFICATION BY SUPPLIER
- A043 RETENTION OF QUALITY DOCUMENT
- A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
- A049 SUPPLIER AWARENESS

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**METAL TECHNOLOGY INC.**

www.mefec.ca | 20 Terry Fox Drive, Vankleek Hill, Ontario, Canada K0B 1R0 | Phone: +1 613-678-3957 Fax: +1 613-678-3956

Packing List

Bill Dart Aerospace Ltd.
To: 1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Ship Dart Aerospace Ltd.
To: 1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Shipment No: 25954
Shipment Date: 09-Oct-2019
Ship Via: Pick up at METEC
Order Number: 4258
Order Date: 10/07/2019

Customer Code: DART
Phone: (613) 632-9577
PO Number: POHB044702
Terms: Net 60 Days

----- Quantity -----							
<u>Item</u>	<u>Open</u>	<u>Shipped</u>	<u>B/O</u>	<u>Canceled</u>	<u>Unit</u>	<u>Description</u>	<u>Revision</u> <u>Job Number</u>
1	2	2	0	0	EA	DART-HT-500-CWAP Engine Wash Unit drawing Rev.10 with deviation DART will supply 1 each: Control Panel Plaque Rinse Label Wash Label	10-DEV 4258-01

RECEIVED
OCT 10 2019
DART AEROSPACE LTD.

The delivered goods must be inspected upon receipt to confirm compliance. Should there be discrepancies please notify METEC within 30 days of delivery. The goods are otherwise deemed accepted.

Received In Good Order By
Dart Aerospace Ltd.

Page 1 of 1



20 Terry Fox Drive, Vankleek Hill, Ontario K0B 1R0

Tel. (613) 678-3957 & (613) 678-2782 Fax (613) 678-3956 metec@metec.ca

CERTIFICATE OF CONFORMITY

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ont.
K6A 1K7

SHIPPED TO:

same

Quantity	Part Number	Part Name	Dwg Rev.#	P.O. Number
2	DART-HT-500-CWAP	Engine Wash Unit drawing Rev.10 with deviation DART will supply 1 each: Control Panel Plaque Rinse Label Wash Label	10- DEV	HB044702

MATERIAL: supplied by METEC

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We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.

Eric Dewar

Vankleek Hill, October 9, 2019

Entered:

Date:

212 Oct 23/19



NCR No.

19-7494

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

Route update only ☐

Job: <u>201538</u> Part No. <u>HT-500-CWA</u>		DISPOSITION Rework ☒ Scrap ☐ Use-as-is ☐		DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Eng. (Non-AW) ☐ Engineering ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Water Jet ☐ Large Fab ☐ Finishing ☐ Rec/Store/Packaging ☐ Supplier Quality ☒																															
Date: <u>OCT 16 2019</u>		Sequence #: <u>120</u>		QTY Affected: <u>2052</u>		MRB (QSI042) <u>[Signature]</u> OCT 16 2019																													
Description Work Order Deviation				Disposition		Completed By <u>[Signature]</u> OCT 16 2019																													
Fittings are loose at connections where the teflon is and where the gauge gauge is				bring back to supplier to get fittings tighten properly. AS PER P.L. UPON RETURN OF PARTS, ALL ACCEPTABLE		Lead hand/ Supervisor <u>[Signature]</u> QC / QA Coordinator <u>[Signature]</u>																													
Root Cause Operator ☒ Manufacturing Process ☒ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY <table border="0"> <tr> <td>☐ Pressure/Forced</td> <td>☐ Contamination</td> <td>☐ Power Loss/Surge</td> <td>☐ Positioned Wrong</td> </tr> <tr> <td>☐ Bending</td> <td>☐ Misaligned/off center</td> <td>☐ Folio/Program</td> <td>☐ Outside Tolerance</td> </tr> <tr> <td>☐ Crushing</td> <td>☐ BOM/Route</td> <td>☐ Grain Direction</td> <td>☐ Drawing</td> </tr> <tr> <td>☐ Cracks</td> <td>☐ Broken/Damage/Defect</td> <td>☐ Weld</td> <td>☐ Finish</td> </tr> <tr> <td>☐ Crimp/Kink/Ripple/Wave/Twist</td> <td>☐ Incomplete/Unclear Instructions</td> <td>☐ Wrong Stock Pulled</td> <td>☐ Part Lost/Missing</td> </tr> <tr> <td>☐ Marks/Chatter</td> <td>☐ Drill Holes</td> <td>☐ Out of Sequence</td> <td>☐ Misread</td> </tr> <tr> <td>☐ Mislabeled</td> <td>☐ Fit/Function</td> <td>☐ Off-set/Set-up</td> <td></td> </tr> </table>						☐ Pressure/Forced	☐ Contamination	☐ Power Loss/Surge	☐ Positioned Wrong	☐ Bending	☐ Misaligned/off center	☐ Folio/Program	☐ Outside Tolerance	☐ Crushing	☐ BOM/Route	☐ Grain Direction	☐ Drawing	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Finish	☐ Crimp/Kink/Ripple/Wave/Twist	☐ Incomplete/Unclear Instructions	☐ Wrong Stock Pulled	☐ Part Lost/Missing	☐ Marks/Chatter	☐ Drill Holes	☐ Out of Sequence	☐ Misread	☐ Mislabeled	☐ Fit/Function	☐ Off-set/Set-up	
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☐ Mislabeled	☐ Fit/Function	☐ Off-set/Set-up																																	
		Other/Details: <u>- fittings loose</u>																																	